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Application No. <u>12719858</u>	Prepared by <u>T. McCall</u>	Tracking Number <u>6007152</u>	
Examiner-GAU <u>Dougherty - 2834</u>	Date <u>9-22-04</u>	Week Date <u>9-6-04</u>	
	No. of queries <u>1</u>	<u>IFW</u>	

JACKET			
a. Serial No.	f. Foreign Priority	k. Print Claim(s)	p. PTO-1449
b. Applicant(s)	g. Disclaimer	l. Print Fig.	q. PTOL-85b
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other

SPECIFICATION	MESSAGE
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b. Text Continuity	
c. Holes through Data	
d. Other Missing Text	
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g. Brief Description	
h. Sequence Listing	
i. Appendix	
j. Amendments	
k. Other	
<b>CLAIMS</b>	
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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		<b>Complete if Known</b>	
		Application Number	Not Yet Assigned
		Filing Date	Herewith
		First Named Inventor	Müller, David
		Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned		
Attorney Docket Number	019930-002830		
Sheet	1	of	3

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
	AA	5,414,540	05/09/95	Patel et al.	
	AB	5,917,625	06/29/99	Ogusu et al.	
	AC	5,999,672	12/07/99	Hunter et al.	
	AD	6,028,689	02/22/00	Michalicek et al.	
	AE	6,040,935	03/21/00	Michalicek	
	AF	6,097,859	08/01/00	Solgaard	
	AG	6,108,471	08/22/00	Zhang et al.	
	AH	6,128,122	10/03/00	Drake et al.	
	AI	09/442,061	11/16/99	Weverka, et al.	
	AJ	US-			
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FOREIGN PATENT DOCUMENTS								
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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
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		Application Number	Not Yet Assigned
		Filing Date	Herewith
		First Named Inventor	Miller, David
		Art Unit	Not Yet Assigned
		Examiner Name	Not Yet Assigned
Sheet 2	of 3	Attorney Docket Number	019930-002830

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS); title of the article (when appropriate); title of the item (book, magazine, journal, serial, symposium, catalog, etc.); date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	BC	T. Akiyama, et al.; "Controlled Stepwise Motion in Polysilicon Microstructures," Journal of Microelectromechanical Systems, Vol. 2, No. 3, September 1993; pp.106-110	
	BD	Kenneth Bean, et al., "Anisotropic Etching of Silicon," IEEE Transactions on Electron Devices, Vol. Ed-25, No. 10, October 1978	
	BE	Dino R. Ciarlo, "A latching accelerometer fabricated by the anisotropic etching of (110) oriented silicon wafers," Lawrence Livermore Nat'l Laboratory, March 1, 1992	
	BF	A.S. Dewa, et al., "Development of a Silicon Two-Axis Micromirror for an Optical Cross-Connect," Solid State Sensors and Actuators Workshop, Hilton Head, South Carolina, pp. 93-96	
	BG	Joseph Ford et al., "Wavelength Add Drop Switching Using Tilting Micromirrors," Journal of Lightwave Technology, Vol. 17, No. 5, May 1999	
	BH	J. Grade et al., "A Large-Deflection Electrostatic Actuator for Optical Switching Applications, Solid-State Sensor and Actuator Workshop, Hilton Head Island, South Carolina, June 4-8, 2000; pp. 97-100	
	BI	V. Kaajakari et al.; "Ultrasonic Actuation for MEMS Dormancy-Related Stiction Reduction," In MEMS Reliability for Critical Applications, Proceedings of SAPIE Vol. 4180 (2000); pp. 60-65	
	BJ	T.L. Koch et al., "Anisotropically etched deep gratings for InP/InGaAsP optical devices," J.App. Phys. 62 (8), 15 October 1987	
	BK	I. Nishi et al., "Broad-Passband-Width Optical Filter for Multi-Demultiplexer Using a Diffraction Grating and a Retroreflector Prism," Electronics Letters, Vol. 21, No. 10, 9 <sup>th</sup> May 1985	
	BL	P. Philippe et al., "Wavelength demultiplexer: using echelette gratings on silicon substrate," Applied Optics, Vol. 24, No. 7, 1 April 1985	
	BM	M. Schilling et al., "Deformation-free overgrowth of reactive ion beam etched submicron structures in InP by liquid phase epitaxy," Appl. Phys. Lett. 49 (12), 22 September 1986	
	BN	Z. J. Sun et al., Demultiplexer with 120 channels and 0.29-nm Channel Spacing," IEEE Photonics Technology Letters, Vol. 10, No. 1, January 1998	
	BO	W. Tang, et al., "Electrostatically Balanced Comb Drive for Controlled Levitation," Reprinted from Technical Digest IEEE Solid-State Sensor and Actuator Workshop, June 1990; pp. 198-202	
	BP	L. Torcheux et al., "Electrochemical Coupling Effects on the Corrosion of Silicon Samples in HF Solutions," J. Electrochem Soc., Vol. 142, No. 6, June 1995	
Examiner Signature			Date Considered

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		P. VanKessel et al., "A MEMS-Based Projection Display," Proceedings of the IEEE, Vol. 86, No. 8, August 1998, pp. 1687-1704	
		Microfabricated Silicon High Aspect Ratio Flexures for In-Plane Motion; dissertation by C. Keller, Fall 1998	
		Gimballed Electrostatic Microactuators with Embedded Interconnects; dissertation by L. Muller; Spring 2000	

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